BRUHAT BANGALORE MAHANAGARA PALIKE

BILL OF QUANTITIES (BOQ)

Name of Work: Detailed Estimate for the Work of Providing Fixing new Motor pump, PVC Cable, new Pannel Board, MS Box, and other nessarry accessory to Existing Borewell at Hegadenagara Surrounding areas in Ward No. 06, Byatarayanapura Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
1	2	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000 HP 25 stage (P.NO-XXXXII, I.NO-33, PWD SR 16-17) For Additional Motor 12.5 HP 25 Stage XXXXI/ 12.5HP 25 Stage (P.NO-XXXX, I.NO-24, PWD SR 16-17)	No	60400.00	Rupees Sixty Thousand Four Hundred Only
3	**2**	15 HP 30 Stage (P.NO-XXXXI, I.NO-33, PWD SR 16-17)	No	70600.00	Rupees Seventy
4	**1500.00**	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings)b 50mm dia GI pipe (SR 13-14 PWD, P.No.XVII Sl.no. 509)	Rmtr	340.26	Rupees Three Hundred Forty and Twenty Six Paise Only
5	**250.00**	Providing & fixing heavy duty collar (P.NO-III, I.NO-86, PRED 12-13 SR)	Rmtr	159.00	Rupees One Hundred Fifty Nine Only
6	**1300.00**	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts 4 sqmm of 56 strands 0.3mm dia (P.NO-535, I.NO-30 (c), BWSSB 12-13 SR)	Mtr	188.70	Rupees One Hundred Eighty Eight and Seventy Paise Only
7	**8.00**	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. **12.5HP to 15 HP Star Delta Starter SERDED Rate**	No	11000.00	Rupees Eleven Thousand Only
8	**176000.00**	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete **P.No. 49, I. No. 6.40.2 KPWD Electrical SR 2014-15**	Sqcm	0.33	and Thirty Three Paise Only

Signature of the Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
9	**15.00**	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR 16-17, P.NO.XXIV, Sl.no, 659)	Nos	1150.00	Rupees One Thousand One Hundred Fifty Only
10	**15.00**	Providing and fixing of 50mm GI bend to motor (PWD SR 16-17, P.NO.XXXVIII GI FITTINGS TABLE)	Nos	232.14	Rupees Two Hundred Thirty Two and Fourteen
11	**15.00**	Providing and fixing of 50mm GI Nipple to motor (PWD SR 2016-17, P.NO.XXXVIII GI FITTINGS TABLE)	Nos	110.56	Rupees One Hundred Ten and Fifty Six Paise
12	**15.00**	Providing and fixing of 50mm GI union to the motor ((PWD SR 2016-17, P.NO.XXXVIII GI FITTINGS TABLE)	Nos	237.12	Rupees Two Hundred Thirty Seven and Twelve
13	**5.00**	Labour Charges for end connection (MR)	Nos	400.00	Rupees Four Hundred
14	**10.00**	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)	Nos	906.40	Rupees Nine Hundred Six and Forty Paise Only
15	**20.00**	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Mtr	294.58	Rupees Two Hundred Ninety Four and Fifty Eight Paise Only
16	10.00	Supplying shunt capacitor's confirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No's. (MR)	Nos	1350.00	Rupees One Thousand Three Hundred Fifty Only
17	**36.00**	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... **63 Amps**	Nos.	150.00	Rupees One Hundred Fifty Only
19	**263.25**	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.3, PWD SR 16-17)	cum	223.66	Rupees Two Hundred Twenty Three and Sixty Six Paise Only
20	**780.00**	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete 63MM	Mtr	368.88	Rupees Three Hundred Sixty Eight and Eighty Eight Paise Only
22	**263.25**	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 16-17)	cum	59.36	Rupees Fifty Nine and Thirty Six Paise Only

1. The work should be executed as per the specification and standard specified by the PWD & Other specifications of the Bangalore Mahanagara Palike and as directed.
2. The work should be carried out as per the directions and instructions of the concerned Engineer
3. The Contractor should maintain the quality of work as per the standard specifications.

17/03

Executive Engineer (Byatarayanapura)
Bruhath Bangalore Mahanagara Palike

I am prepared to take up the above work at the rates quoted by me in the Schedule 'B'. 17/03

CONTRACTOR

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010